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- AN - 1994-348593 [43]
TI - Synthesis of ethyl ester(s) of fatty acids using lipase - using *Methylococcus capsulatus* VKPM-1743 as source of fatty acid and lipase
AB - Ethyl esters of fatty acids are synthesised biochemically as follows.
Methylococcus capsulatus VKPM-1743 is used as the source of intracellular fatty acids and lipase catalyst. The strain is grown, nutrient medium centrifuged off and the biomass mixed with ethanol in proportion 5:1-10. The mixt. is left to stand for 20-25 days with shaking. Lipids are extracted with CHCl_3 and esters are separated by adsorption chromatography.
- USE :
In biochemical syntheses of organic cpds.
- ADVANTAGE :
Simpler method.
IW - SYNTHESIS ETHYL ESTER FATTY ACID LIPASE CAPSULATUS SOURCE
PN - SU1822411 A3 19930615 DW199443
IC - C12P7/62
ICAI - C12P7/62
ICCI - C12P7/62
MC - D05-C E10-G02E
DC - D16 E17
PA - (MOFO) MOSC FOOD IND TECHN INST
IN - KOLESNIK G B; ROZHDESTVENSKAYA M V; SULTANOVICH YU A
AP - SU19904897955 19901228
PR - SU19904897955 19901228